



## SEQUENCE LISTING

<110> Habener, Joel

<120> Insulinotropic Hormone and Uses Thereof

<130> 0609.1090009

<140> 09/635,679

<141> 2000-08-10

<150> 09/090,949

<151> 1998-06-05

<150> 08/749,762

<151> 1996-11-20

<150> 08/156,800

<151> 1993-11-23

<150> 07/756,215

<151> 1991-09-05

<150> 07/532,111

<151> 1990-06-01

<150> 07/148,517

<151> 1988-01-26

<150> 06/859,928

<151> 1986-05-05

<160> 4

<170> PatentIn version 3.1

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<212> DNA

<213> Artificial Sequence

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<223> cDNA

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Met Lys Thr Val Tyr Ile Val Ala Gly Leu Phe Val Met Leu Val Gln	
1 5 10 15	
ggc agc tgg cag cat gcc cct cag gac acg gag gag aac gcc aga tca	156
Gly Ser Trp Gln His Ala Pro Gln Asp Thr Glu Glu Asn Ala Arg Ser	
20 25 30	
ttc cca gct tcc cag aca gaa cca ctt gaa gac cct gat cag ata aac	204
Phe Pro Ala Ser Gln Thr Glu Pro Leu Glu Asp Pro Asp Gln Ile Asn	
35 40 45	
gaa gac aaa cgc cat tca cag ggc aca ttc acc agt gac tac agc aaa	252
Glu Asp Lys Arg His Ser Gln Gly Thr Phe Thr Ser Asp Tyr Ser Lys	
50 55 60	
tac cta gac tcc cgc cgt gct caa gat ttt gtg cag tgg ttg atg aac	300
Tyr Leu Asp Ser Arg Arg Ala Gln Asp Phe Val Gln Trp Leu Met Asn	
65 70 75 80	
acc aag agg aac cgg aac aac att gcc aaa cgt cat gat gaa ttt gag	348
Thr Lys Arg Asn Arg Asn Asn Ile Ala Lys Arg His Asp Glu Phe Glu	
85 90 95	

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agg cat gct gaa ggg acc ttt acc agt gat gtg agt tct tac ttg gag      396
Arg His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu
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ggc cag gca gca aag gaa ttc att gct tgg ctg gtg aaa ggc cga gga      444
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agg cga gac ttc ccg gaa gaa gtc gcc ata gct gag gaa ctt ggg cgc      492
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aga cat gct gat gga tcc ttc tct gat gag atg aac acg att ctc gat      540
Arg His Ala Asp Gly Ser Phe Ser Asp Glu Met Asn Thr Ile Leu Asp
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aac ctt gcc acc aga gac ttc atc aac tgg ctg att caa acc aag atc      588
Asn Leu Ala Thr Arg Asp Phe Ile Asn Trp Leu Ile Gln Thr Lys Ile
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act gac aag aaa taggaatatt tcaccattca caaccatctt cacaacatct      640
Thr Asp Lys Lys
          180

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cctgccagtc acttgggatg tacatttgag agcatatccg aagctataact gctttgcatg      700

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cggacgaata catttccctt tagcgttgtg taaccctaaag gttgtaaatg gaataaagtt      760

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Gly Ser Trp Gln His Ala Pro Gln Asp Thr Glu Glu Asn Ala Arg Ser

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Glu	Asp	Lys	Arg	His	Ser	Gln	Gly	Thr	Phe	Thr	Ser	Asp	Tyr	Ser	Lys
	50					55					60				
Tyr	Leu	Asp	Ser	Arg	Arg	Ala	Gln	Asp	Phe	Val	Gln	Trp	Leu	Met	Asn
65					70					75					80
Thr	Lys	Arg	Asn	Arg	Asn	Asn	Ile	Ala	Lys	Arg	His	Asp	Glu	Phe	Glu
			85						90					95	
Arg	His	Ala	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu
		100						105					110		
Gly	Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Leu	Val	Lys	Gly	Arg	Gly
	115						120					125			
Arg	Arg	Asp	Phe	Pro	Glu	Glu	Val	Ala	Ile	Ala	Glu	Glu	Leu	Gly	Arg
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Arg	His	Ala	Asp	Gly	Ser	Phe	Ser	Asp	Glu	Met	Asn	Thr	Ile	Leu	Asp
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Asn	Leu	Ala	Thr	Arg	Asp	Phe	Ile	Asn	Trp	Leu	Ile	Gln	Thr	Lys	Ile
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Thr	Asp	Lys	Lys												
			180												

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